

**SYSTEM AND METHOD OF ESTABLISHING AN ELECTRICAL CONNECTION
BETWEEN AN IMPLANTED LEAD AND AN ELECTRICAL CONTACT**

ABSTRACT OF THE DISCLOSURE

5 An electrical contact to electrically couple epidural
stimulation leads to a tissue stimulation device. This
electrical contact includes a conductive disc having an inner
aperture that is electrically and operably coupled to the tissue
10 stimulation device. A number of conducted projections extend
inward from the inner aperture of the disc and flex elastically
to receive an epidural stimulation lead. These conductive
projections electrically couple with a number of terminals within
the epidural stimulation lead. Tension exerted by flexing the
conducted projections maintains the epidural stimulation lead in
15 a relatively fixed position relative to the electrical contact.
A number of projections at the outer perimeter of the conductive
disc electrically and operably couple the conductive disc to a
conductive housing wherein the conductive housing is electrically
and operably coupled to the tissue stimulation device.